

REMARKS

Reconsideration of this patent application is respectfully requested in view of the foregoing amendments, and the following remarks. Claims 1-15, 17 and 19-20 are in the application. Claims 1-14 have been withdrawn. Claim 16 has been canceled. Claims 15 and 17 have been amended. No new matter has been added.

The Examiner rejected claim 15 under the doctrine of obviousness-type double patenting over copending application no. 10/813,585 in view of Haddy. Applicant respectfully traverses. Claim 15 has been amended to clarify that two different compacting tools are used fr compacting the first and second concrete mixtures. In contrast, claim 14 of copending application serial no. 10/813,585 claims only a single compacting tool.

The Examiner rejected claims 15, 16, 19 and 20 under 35 USC 103 as being unpatentable over Ottmann in view of Haddy. Claim 17 was rejected over these references and further in view of Kern. Applicant respectfully traverses.

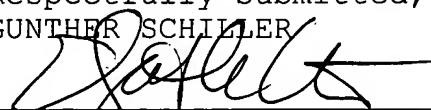
Applicant has amended claim 15, to include the elements of claim 16, now canceled. Claim 15 has also been amended to define the second concrete mixture as being an acid-resistant concrete

mixture that is different from the first concrete mixture. Support for this amendment can be found in the specification, on pp. 1-2.

Neither Ottmann nor Hardy teach or suggest the use of two different compacting tools exchanged via quick-change device to produce a single multi-layer concrete pipe in the manner described in amended claim 15. Thus, even a combination of Ottmann and Hardy cannot render obvious the use of two different compacting tools to create the multi-layer pipe according to the present invention.

Accordingly, Applicant submits that claims 15, 17 and 19-20 are patentable over the cited references, taken either singly or in combination. Early allowance of the claims is respectfully requested.

Respectfully submitted,
GUNTHER SCHILLER



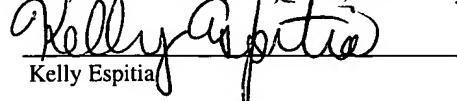
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Enclosure: Copy of Petition for One-Month Extension of Time

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I hereby certify that this documentation is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: MAIL STOP: COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA on July 10, 2006.


Kelly Espitia